



Docket No.: 58248CIP2(47606)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Keun Ho Chun et al.

Application No.: 10/684,346

Confirmation No.:

Filed: October 11, 2003

Art Unit: 1634

For: Target Detection System Having a  
Conformationally Sensitive Probe Comprising a  
Nucleic Acid Based Signal Transducer

Examiner S. L. Bausch

**RESPONSE TO RESTRICTION REQUIREMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Claims 1-228 are pending in the instant application and are subject to restriction.

The Office Action, on page 2, requires restriction to one of the following groups under 35 U.S.C. §121:

- I. Claims 5-9 and 58-61, which are drawn to an affinity probe with a probe ligand recognition element;
- II. Claims 10-26 and 62-65, which are drawn to a cleavage probe with a destabilizing agent;
- III. Claims 27-33 and 66-69, which are drawn to a type I coupling probe;
- IV. Claims 34-46 and 70-73, which are drawn to a type II coupling probe;
- V. Claims 47-57 and 74-77, which are drawn to a type II(-) coupling probe;